

# A Workshop on the Management Needs to Minimize Vessel Collisions with Whales in the Hawaiian Islands Humpback Whale National Marine Sanctuary and other National Marine Sanctuaries

September 3 - 5, 2003 Wailea Marriott, an Outrigger Resort, Maui, Hawai'i

## Workshop Agenda

### DAY 1: Wednesday - September 3<sup>rd</sup>

7:30 am - Registration/Check-In

8:00 - Aloha Welcome

- Keynote: Workshop Objectives  
Capt. Reg White

8:30 - Panel 1 Hawaii Focused Information on Whale Distribution, Collisions, Mitigation Measures and Regulations: What is Happening in Hawaii Now?

“Whale Distribution in Hawai'i and the Use of Forward Looking Sonar”

Joseph R. Mobley, Ph.D.

“Historical Evidence of Whale/Vessel Collisions in Hawaiian Waters (1975 - present)”

Marc Lammers, Ph.D; Adam Pack, Ph.D\*, and Lisa Davis

“Social Groupings of Whales in Hawaii and Vulnerability to Ship Strikes”

Louis Herman, Ph.D. and Elia Herman

“Vulnerability of Humpback Whale Calves to Vessel Collisions”

David Mattila

“Current Regulations and Enforcement”

John Reghi

10:00 -Break

10:30 - Panel 2 The Global Perspective: What can we Learn from Whale Research and Vessel/Whale Interaction in Other Areas

“North Atlantic Right Whales (*Eubalaena glacialis*) Ignore Ships but Respond to Alerting Signal”

Doug P. Nowacek\*, Peter Tyack, Mark Johnson

“Available Information on Collisions Between Vessels and Whales Worldwide”

David Laist

“Ship Strikes and Right Whales: Approaches to Reducing the Threat”

Greg Silber

“Acoustic Studies and Management of Vessel Speeds in Glacier Bay National Park”

Christine Gabriele

“Issues Related to Vessel Collisions with Whales in Southeastern Alaska”

Jan Straley

“International Law Considerations”

Lindy S. Johnson

12:00 - Lunch

1:00 - Panel 3 Vessel Trends, Design Issues and Emerging Mitigation Techniques: What Aspects of Vessel Trends and Design Effect Potential Collisions and What Types of Mitigation Strategies are Emerging? What about unintentional encounters and incident reporting?

“Where the Boats Are.” Vessel Operations in Hawaii Waters”

Capt. Terry Rice

“Incat Vessel Design”

Robert Clifford

“Inter-Island Ferry Operations”

Terry White

“High Frequency Multibeam Sonar for Whale Shipstrike Avoidance: Target Strength Measurements”

Whitlow W. L. Au, Ph.D. \*, James Miller, and David Potter

Note: \*Presenting



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### DAY 1: Wednesday - September 3rd (Cont)

- 2:30 - Break
- 3:00 - Panel 4 Industry Perspectives and Considerations: Economic Importance, Industry Actions for Detection and Avoidance, Vessel Considerations, Unintentional Encounters, and Incident Reporting.  
“Economic Importance of Vessel Operations in Hawaiian Waters”  
Terry O'Hallaron  
“Vessel Consideration and Constraints, i.e. in Regards to Cargo Ships, HSV, Small Commercial and Recreational Vessels”  
Jack Laufer/Dale Hazelhurst, Capt. Jim Coon/Capt. Reg White  
“Industry Actions/Detections and Avoidance”  
Jack Laufer/Dale Hazelhurst, Capt. Jim Coon/Capt. Reg White  
“Incident Reporting “  
Jack Laufer/Dale Hazelhurst, Capt. Jim Coon/Capt. Reg White
- 4:30 - Wrap up and Overview Day 2
- 5:00 - Adjourn

**6:00-8:00 Hosted reception @ HIHWNMS**

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### DAY 2: Thursday - September 4<sup>th</sup>

- 8:00 am - Plenary Presentation: Report Back from Day 1  
Bill Friedl
- 8:30 - Breakout Session 1: Identifying Strategies on Avoidance and Mitigation  
1 - Large Ships  
2 - Commercial Passenger and Support Vessels Operating on a Daily Basis  
3 - Recreational Boats
- 10:00 - Break
- 10:15 - Plenary Session: Brief Report on Brainstorming Effort on Strategies: “Common Themes Across Groups”.
- 10:45 - Breakout Session 1 (Cont)
- 12:30 - Lunch
- 1:30 - Breakout Session 2: Industry Considerations and Evaluating Strategies to Address Unintentional Encounters
- 3:00 - Break
- 3:30 - Facilitated Plenary Discussion of Breakout Sessions
- 5:00 - Workshop wrapup
- 5:30 - Adjourn



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### DAY 3: Friday - September 5th

9:00 am - Plenary Presentations - Discuss and Assess the Need for NMS System-Wide Action

I. Overview of Past Related Initiatives and Workshops

II. East Coast/West Coast Perspectives of Issue

10:30 - Break

10:45 - Plenary Discussion - National Issues

12:00 - Lunch

1:00 - Plenary Discussion - National Issues (Cont.)

3:00 - Break

3:15 - Next Steps

4:30 - Adjourn

